

Exascale Co-Design Center for Materials in Extreme Environments (ExMatEx) All-Hands Meeting

Lawrence Livermore National Laboratory
Livermore, California
Livermore Valley Open Campus (LVOC) and
Atmospheric Science Building (B170)
Nov 4-6, 2013

Monday, Nov. 4, 2013

12:00 PM Arrival and Transport to LVOC West Badge Office

1:00 PM Welcome: Introductions & Meeting Goals Yosemite Room, LVOC

1:00-5:00 PM Yosemite Room, LVOC

Tim Germann and Jim Belak Lead

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| (a) (~30 min) Stock-take on what we are about, where we are: | Tim Germann |
| (b) (~90 min) Gremlins, demo and release: | Martin Schultz |
| (c) (~30 min) Scale-bridging challenge problem | Milo Dorr |
| (d) (~90 min) Runtime, demo and updates | Al McPherson |

5:00-9:00 PM Collaboration Area, LVOC

- (a) Dinner, order in, all contribute (order in Pizza)
- (b) Collaborative Discussions: ExMatEx, Vendors and XStacks

Tuesday, Nov. 5, 2013

8:00-12:00 PM Yosemite Room, LVOC

Where to next?

- (a) Review and open discussion of Y3 Milestones
- (b) Input from Vendor and Xstack partners: Where to you want to see us go next?

12:00-1:00 PM On Your On Lunch

Tuesday, Nov. 5, 2013 (CONT)

1:00-5:00 PM R1091, B170 (Atmospheric Sciences)

ExMatEx Team: Breakout Sessions, Gang-of-four facilitate, Tim floats

- (a) Algorithms (Dave Richards lead)
- (b) Programming Models (Jim Belak lead)
- (c) Hardware Interface Tools (Al McPherson lead)

6:00-Q? PM Casa Belak

Dinner, All Visitors Welcome. The Belak's will provide a couple pasta dishes and all are welcome to bring what they can.

Wednesday, Nov. 6, 2013

9:00-12:00 PM R1091, B170 (Atmospheric Sciences)

- (a) Recap of break out sessions and outline of report and Dec 4 presentation
- (b) PM: task leads stay during the afternoon to start writing report